

8th April 1897.
3^d August 1897.

Hy^d 3721 - 3742.

D^r 3664 - 3676.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507 *MS*

No. *No Station*. Date *April 8 97*.

Tanner Machine. Reel.

Turns *15* Cor. + *1* Depth *46 fms.*

Shot or lead *36 lb*

Bottom *fine gy S.*

Bottom temperature *53.0*

No. of thermometer *78571*. Cor. *-0.3*

Corrected temperature *52.7*

Air *70* Surface *58* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1. 3. 20</i>	<i>5. 00</i>	0		
<i>7. 00</i>	<i>1. 4. 05</i>	<i>45</i> 100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Santa Catalina Is.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *No station* Date *April 8/97.**Tanner* Machine. Reel.Turns *54* Cor. + *1* Depth *55 fms.*Shot or lead *26 lb*Bottom *fine gy S*Bottom temperature *52.*No. of thermometer *78511* Cor. *-0.3*Corrected temperature *51.7*Air *70* Surface *58* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>Pm 1.17.40</i>	<i>19.12</i>	0		
<i>18.20</i>	<i>1.18.25</i>	100 <i>54</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

NOT.

No. 364 D Date April 8 '97

Clanner Machine. Reel.

Turns 79 Cor. + 1 Depth 80 fms.

Shot or lead 16 lb

Bottom fine gy S.

Bottom temperature 50°

No. of thermometer 78511 Cor. -0.3

Corrected temperature 49.7

Air 70 Surface 58 Drift

Trawl or dredge 11 ft beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<u>1 28.50</u>	<u>31.00</u>	<u>0</u>	<u>1 31.30</u>	<u>57.50</u>
<u>29.45</u>	<u>1 29.47</u>	<u>79</u>	<u>36.04</u>	<u>53.45</u>
		<u>100</u>	<u>38.45</u>	<u>1.51.40</u>
		<u>150</u>		
		<u>200</u>		
		<u>300</u>		
		<u>400</u>		
		<u>500</u>		
		<u>600</u>		
		<u>700</u>		
		<u>800</u>		
		<u>900</u>		
		<u>1000</u>		
		<u>1100</u>		
		<u>1200</u>		
		<u>1300</u>		
		<u>1400</u>		
		<u>1500</u>		
		<u>1600</u>		
		<u>1700</u>		
		<u>1800</u>		
		<u>1900</u>		
		<u>2000</u>		
		<u>2100</u>		
		<u>2200</u>		
		<u>2300</u>		
		<u>2400</u>		

2 miles off Cape
Santa Catalina, Cal.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Caught

1 large soft star, not eared
1 Holothurians.
1 basket Mollusks
1 Worm
1 Young Hermit Crab.

REMARKS:

1. Red Sculpin. } Small shells, sponges, corals.
2 Lge Clamshells, a few sea urchins
Many Urchins, 2 sp. } 1 Young Buller Fish
1 Lge shell, dead } 1 Spider Crab, very small
few sea Clamshells } 1 pos. small Branchiopod larva
Several sea Sculpins } 1 short arm soft star
2 Allegator Fish. } Several Hard Stars
1/2 doz Young Red Rock Fish. } Skate Egg cases

No. *No Station* Date *April 897*

Sigsbee Machine. Reel.

Turns *160* Cor. + *2* Depth *162 fms.*Shot or lead *36 lb.*Bottom *fine gy. S.*Bottom temperature *+7°*No. of thermometer *78511* Cor. *-0.3*Corrected temperature *46.7*Air *71* Surface *58* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*2-11-50**17-50*

0

*13-10**15-40*

100

*14-10**2-14-50*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *100* Date *April 19*
Machine. Reel.
Turns *34* Cor. + *1* Depth *35 fms*
Shot or lead *35 lb*
Bottom *fine gy S. bk*
Bottom temperature
No. of thermometer *7851* Cor. *-0.3*
Corrected temperature *49.7*
Air *72* Surface *59* Drift
Trawl or dredge *35 lb*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 372 Date April 2 1887

Tanner Machine. Reel.

Turns 76 Cor. + 1 Depth 77

Shot or lead 26 lbs.

Bottom Rky

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 67 Surface 89 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

33 17 20 2
118 24 40 74

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	5.00
	3700	76
	3800	11.50
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	11.00	51	0.1	10.9
50	10.8	51	0.1	10.7
100	10.6	51	0.1	10.5
200	10.4	51	0.1	10.3
300	10.2	51	0.1	10.1
400	10.0	51	0.1	9.9
500			(1 foot)	1
600				13
700				
800				
900				
1000				

REMARKS:

1 line over at 9.50, 21 at 10.00
135 fms reached at 2nd sounding.
10.05 a.m.
Hauled in both lines at 10.00 with first
two over at 10.20, another at 10.35,
and at 10.45 another at 10.55, 5 in all
but the 1st line at 10.55, caught 13 net fish,
and 2 dog fish.

No. 3721^A Hyd Date 1882Tanner Machine. Reel.Turns 130 Cor. + 2 Depth 132Shot or lead 26 Lbs.Bottom gy. m.

Bottom temperature

No. of thermometer 1000 Cor.

Corrected temperature

Air 72 Surface 60 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Neave processing station

Ungava

8	20	m	2500	3	21	f	net
9	21	f	2600	4	23	f	net
10	21	f	2700	3	21	f	"
5	22	f	2800	2 1/2	21	f	"
9	24	f	2900	4 1/2	26	f	"
7	21	f	3000	4	23	m	"
6	21	m	3100	3 1/2	22	f	"
7	21	m	3200	4 1/2	23	f	"
8	22	m	3300	1 1/2	21	f	"
6	21	m	3400	30.5	23		
7	22	m	3500				
6 1/2	22	m	3600				
5	20	f	3700				
5	20	m	3800				
5	20	f	3900				
6	20	m	4000				

108.5

23

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	Highlights + box of Rockfish			
50	1st haul			
100	2nd			
200	3rd			
300	4th			
400	5th			
500	6th			
600	7th			
700	8th			
800				
900	1st			
1000				

REMARKS:

5 hauls over at 11.45
Took in hauls at 12.15. etc.

No. *365 D* Date *Apr 1900*

Tanner Machine. Reel.

Turns *7* Cor. + *1* Depth *7 fms*Shot or lead *36 lb*Bottom *fine gy S*

Bottom temperature

No. of thermometer *—* Cor.

Corrected temperature

Air *70* Surface *61* DriftTrawl or dredge *11 ft*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12:45:00</i>	<i>4:45:30</i>	0	<i>12:45:00</i>	<i>4:45:30</i>
<i>12:45:15</i>	<i>4:45:15</i>	100	<i>12:45:15</i>	<i>4:45:15</i>
		200	<i>12:45:30</i>	<i>4:45:00</i>
		300	<i>12:45:45</i>	<i>4:44:45</i>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

No.

Date

Apr 13 91

Machine.

Reel.

Turns

40

Cor. +

✓

Depth

49 fms

~~Shot or lead~~

26 lb

Bottom

Mk for V16

Bottom temperature

49

No. of thermometer

78511

Cor.

-0.3

Corrected temperature

48.7

Air

61

Surface

Vet

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
9.09 34	9.10.45	0		
10.00	10.15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

114

No. *Janney* Machine. Date *Apr 12 90*
 Turns *104* Cor. + *1* Depth *105 fms.*
 Shot or lead *26 lb.*
 Bottom *fine sand*
 Bottom temperature *47.*
 No. of thermometer *571* Cor. *- .3*
 Corrected temperature *46.7*
 Air *64* Surface *62* Drift
 Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>20.10</i>	<i>21.20</i>	0
<i>21.40</i>	<i>22.20</i>	100
<i>24.20</i>	<i>7.24.20</i>	<i>104</i> 200
		300
		400
		500
		600
		700
		800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

1500
102
425
11
1

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

224

No.

Date

Apr 13 189

Machine.

Reel.

Turns 110 Cor. + 1

Depth 111 fms

Shot or lead 26 lb

Bottom

OK. Br M.

Bottom temperature

No. of thermometer

78011

Cor. - 0.3

Corrected temperature

46.7

Air 64

Surface

524

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

7.36.00 9.40.00
 28.10 9.38.15

0

100

110

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

130
110
420

15
4

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

114

No.

Date

Machine.

Reel.

Turns 4' Cor. + 1

Depth 4' 8" 11'

~~Shot or lead~~ 26 lbs

Bottom OK Br Mo

Bottom temperature

No. of thermometer 985711

Cor. -0.3

Corrected temperature 48.7

Air 64

Surface 72

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500		
	2600		
	2700		
	2800	030	0
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

449

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

66

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

✓ 30
66
1152

✓
4
1
5
67

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

OK. 9.

No.

3666

Date

Feb 15

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

64

Surface

✓✓

Drift

Trawl or dredge

11 ft

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

60

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

11.01.50

121 53 00 TW

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS

REMARKS:
Several small
Old Church

No. *3667* Date *Apr 12 1881*
 Machine. Reel.
 Turns *89* Cor. + Depth *900* S
 Shot or lead *26 lb*
 Bottom *gy. M.*
 Bottom temperature
 No. of thermometer *7071* Cor. *-0.1*
 Corrected temperature *47.7*
 Air *62* Surface *55* Drift
 Trawl or dredge *11 ft*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400

✓ 36 44 52 N
121 51 50 W

	2500		
	2600		
	2700		
	2800	10.5	10.5
	2900	11.5	11.5
	3000	12.5	12.5
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lighter than, bottom bottom on
8 small and 1 large, etc.
2 (1) small and 1 large
1 col. but not bottom
1 small bottom, small bottom
Bottom spec. from net.

No. 3722 *Hyd*. Date *13/10/97*
Tanner Machine. Reel.
 Turns Cor. + Depth 45 fms.
~~Shot or lead~~ 26
 Bottom *gy. S. M.*
 Bottom temperature —
 No. of thermometer — Cor. —
 Corrected temperature
 Air Surface Drift —
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>fm.</i> DOWN.	UP.		DOWN.	UP.
12-44-00	12-45-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

30. 11. 18
21. 11. 18

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Set 10 fathoms down 2.45 PM.
for 27 min. depth-keeping.

45 fms.
97. S.M.

No. *Tanner* Date *Apr. 13, 1897*
 Machine. Reel.
 Turns *42* Cor. + *1* Depth *43*
 Shot or lead *26 lbs*
 Bottom *gy. S. M.*
 Bottom temperature *49.5*
 No. of thermometer *78511* Cor. *-0.3*
 Corrected temperature *49.2*
 Air *57* Surface *56* Drift
 Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-05-00</i>	<i>2-07-30</i>	0		
<i>06.30</i>	<i>06.05</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3640* Date *Aug 5 1877*

Tanner Machine. Reel.

Turns *39* Cor. + *—* Depth *39*

~~Shot or lead~~ *26 lbs.*

Bottom *S. Mica.*

Bottom temperature *49.0*

No. of thermometer *78511* Cor. *-0.3*

Corrected temperature *48.7*

Air *57* Surface *56* Drift

Trawl or dredge *lq beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2.00-10</i>	<i>2.00</i>	0	<i>2.31.2</i>	<i>3.00.15</i>
		80		
		100	<i>2.44.0</i>	<i>2.55.57</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

✓ 36 37 20 7. —
121 53 00 77

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

[Faint handwritten notes and signatures are visible below the REMARKS section.]

No. *3647 DE* Date *April 15, 1881**Tanner* Machine. Reel.Turns *275* Cor. + *5*Depth *278 fms*Shot or lead *12 lb*Bottom *gy. M. & fine S.*Bottom temperature *43°*No. of thermometer *7822*Cor. *-0.5*Corrected temperature *42.7*Air *55*Surface *57*

Drift

Trawl or dredge *1 ft. beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

<i>1.55.00</i>	<i>1.55.00</i>	0	<i>1.55.00</i>	<i>29.00</i>
<i>2.00.00</i>	<i>2.00.00</i>	100	<i>25.00</i>	<i>23.30</i>
<i>2.05.00</i>	<i>2.05.00</i>	200	<i>21.10</i>	<i>20.00</i>
<i>2.10.00</i>	<i>2.10.00</i>	300	<i>17.30</i>	<i>16.00</i>
		400	<i>14.30</i>	<i>12.30</i>
		500	<i>38.00</i>	<i>06.00</i>
		600	<i>4.00.00</i>	<i>02.00</i>
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

✓ { 36 43 20 20
 122 11 00 20

	2500		
	2600		
	2700		
	2800		
	2900		
	3000	5.00	5.
	3100	2.70	2.
	3200	2.00	
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *367* Date *Feb. 17, 1882*
 Machine. Reel. *2*
 Turns *542* Cor. + *39* Depth *581*
 Shot or lead *35*
 Bottom *gn M. S.*
 Bottom temperature *38.0*
 No. of thermometer *78511* Cor. *-0.2*
 Corrected temperature *37.8*
 Air *58* Surface *54* Drift
 Trawl or dredge *11*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11.15</i>	<i>37.00</i>	0	<i>11.15</i>	<i>12.10</i>
<i>11.25</i>	<i>36.00</i>	100	<i>11.50</i>	<i>05.10</i>
<i>11.35</i>	<i>35.00</i>	200	<i>12.20</i>	<i>10.30</i>
<i>11.45</i>	<i>34.00</i>	300	<i>12.50</i>	<i>07.00</i>
<i>11.55</i>	<i>33.00</i>	400	<i>21.00</i>	<i>13.20</i>
<i>12.05</i>	<i>32.00</i>	500	<i>21.30</i>	<i>14.00</i>
<i>12.15</i>	<i>31.00</i>	600	<i>28.20</i>	<i>15.00</i>
		700	<i>28.50</i>	<i>17.00</i>
		800	<i>29.00</i>	<i>18.40</i>
		900	<i>30.00</i>	<i>19.10</i>
		1000	<i>30.10</i>	<i>12.10.30</i>
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

26° 45' 12" N
122° 12' 00" W

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

4159 157
5712 118

3617 39
542

581

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3671 Date

Machine.

Reel.

Turns 55 Cor. +

Depth 56 fms

Shot or lead

26 lb.

Bottom

gn M + S.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 53

Surface 50

Drift

Trawl or dredge

11

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

9.56.10

0

9.55.40

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

37 00 30 *W*
 122 20 30 *W*

	2500	
	2600	
	2700	
	2800	<i>1530</i>
	2900	<i>155</i>
	3000	<i>475</i>
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3723* *Hyp.* Date *Apr 22, 1911*
Janner Machine. Reel,

Turns — Cor. + — Depth *26.*

~~Shot or lead~~ *26 lb.*

Bottom *gy. S.*

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>am</i> 8-33-00	8-34-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11 Hand line over at 1000
 2 " " " 500 "
 3 " " " 200 "
 4 " " " 100 "
 5 " " " 50 "
 6 " " " 25 "
 7 " " " 10 "
 8 " " " 5 "
 9 " " " 2 "
 10 " " " 1 "
 11 Hand line for 30 minutes.
 12 " " " 47.5.

No. *3639* Date *April 24 1897**Tanner* Machine. Reel.Turns *67* Cor. + *1* Depth *68 fms.*Shot or lead *26 lb*Bottom *gy. m. S. Co. Seat. R.*Bottom temperature *49°*No. of thermometer *78511* Cor. *-*Corrected temperature *49*Air *56* Surface *49* DriftTrawl or dredge *11 ft beam.*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>10.00</i>	<i>10.15</i>	0	<i>10.39.20</i>	<i>18.30</i>
<i>10.15</i>	<i>10.4.00</i>	<i>100</i>	<i>45.00</i>	<i>10.50</i>
		<i>130</i>	<i>47.10</i>	<i>11.08.30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

51 59 12
12 3 15 24

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

67
60

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3724 Date

Tanner Machine. Reel.

Turns - Cor. +

Depth 65 fms

Shot or lead

Bottom S + Gt. S. F. S.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 16

Surface

44

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1-05-00 1-06-00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

No. *3725 Hy.* Date *Oct. 24*
Tanner Machine. Reel.

Turns *—* Cor. + *—* Depth *145 fms.*

~~Shot or lead~~ *26 lb.*

Bottom *ky.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *60* Surface *57* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>pm</i> 1-25-00	1-26-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

37 41 00 72
123 00 00 71

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1.26 - Put over 12. Read 1.26
in 1.23. Corrected
1.26 - 1.23 = 0.03

No. *3726 Hy* Date *Apr 21 1897*
Tanner Machine. Reel.

Turns — Cor. + — Depth *10/115*

Shot or lead *26.*

Bottom *rk*

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air *60* Surface *17* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>2-10-00</i>	<i>2-11-00</i>	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

37° 41' 00" N
123 03 40 W

	2500		
	2600		
	2700	U.S.N.	15
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

177
at 2.10 (Sun) 1/2 mile from shore
at 3.40 (Sun) 1/2 mile from shore
to 1000 fathoms

Hyd. Station

No. *3727 Hyd.* Date *Dec 2 97*
Tanner Machine. Reel.

Turns *—* Cor. + *—* Depth *30-40.*

Shot or lead *26 lbs.*

Bottom *shy.*

Bottom temperature *—*

No. of thermometer *—*

Cor. *—*

Corrected temperature *—*

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

PM
4-25-46 4-25-46

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Average 12 lines 1 hr. 46 min.

Average 12 lines 1 hr. 46 min.

REMARKS:

Left camp. Hunted over 1000 ft.
 on 10th day, 10 miles at 11:00, 2 at 4:50
 Hunted on 11th day at 5:30. At 6:50 had
 9 miles out. 10th day in at 7:00
 caught 15 by fish
 1 by fish
 1 by fish
 1 by fish
 1 by fish

No. *3673* Date *May 14 97**Chamber* Machine. Reel. —Turns *76* Cor. + *1* Depth *77 fms.*Shot or lead *26 lb*Bottom *gy. M. & S.*Bottom temperature *45°*No. of thermometer *78571* Cor.

Corrected temperature

Air *54* Surface *47* DriftTrawl or dredge *11 ft beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>0.58.12</i>	<i>1.10.10</i>	0	<i>1.10.10</i>	<i>1.10.10</i>
<i>59.00</i>	<i>1.20.10</i>	100	<i>1.20.10</i>	<i>1.20.10</i>
		200	<i>1.30.10</i>	<i>1.30.10</i>
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

124° 50' 30" N.

124° 50' 20"	2500
	2600
	2700
	2800
	2900
	3000
	3100
	3200
	3300
	3400
	3500
	3600
	3700
	3800
	3900
	4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS: 2

1. New York, N.Y. & the ...
1. ...
4. ...
2. ...
3. ...
6. ...
7. ...
Natural ... with ...
...
...
...
The ...

No. *Hy. 3728.*

Date *June 25th 1887*

Machine. Reel.

Turns

Cor. +

Depth *23 f*

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface *57*

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

At 5.15 pm. pressure 16. Handlines,
run at 5.15 pm. 1. Station 19/10.

*Station*No. *Saine*
*400*Date *June 25th 1847*

Machine.

Reel.

Turns Cor. +

Depth *26 1/2 fms*

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *66* Surface *57*

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*At 25 ft. the first series of sound lines,
was at 10:15 pm. Changed nothing.*

No.

Date

Reel.

Machine.

Turns 95 Cor. + 1

Depth 96

Shot or lead 26 lb.

Bottom - fine g. s. & sh.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

25
100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3222*

Date *Aug 10 1881*

Machine. *Sigsbee*

Reel. *No. 1*

Turns *18* Cor. +

Depth *18 fms*

Shot or lead *16 lb*

Bottom *fine gy. S. & sh.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

*On 10/13/1900, 10 fathoms, 10
 103 minutes. Current 1 mile
 45 lbs. and 1 lb. Red Coral
 22 lbs.*

No. *901*

Date *July 16*

Sigsbee Machine.

Reel *f*

Turns *26* Cor. +

Depth *26 fms*

~~Shot or lead~~ *26 lbs.*

Bottom *fine gy. S + pe*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>7.16.30</i>	<i>18.10</i>	<i>26</i>		
<i>17.30</i>	<i>18.00</i>	<i>100</i>		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS: 77.

8.30
1.30
9.10
August 22
" 44
" 10.10

No.

Date

July 10. 1897

Machine.

Reel.

Turns 87 Cor. + 1

Depth 88 fms.

Shot or lead 36 lb.

Bottom fine gy. S.

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.57.40.

01.00

12.00.15

11.00.00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3675* Date *19. 1891*

Tanner Machine. Reel.

Turns *31* Cor. +

Depth *31 fms*

Shot or lead *26 lbs*

Bottom *gy. s. sh.*

Bottom temperature *46.4*

No. of thermometer *62352* Cor.

Corrected temperature

Air *53*

Surface *50*

Drift

Trawl or dredge *11 ft beam*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>5.27.00</i>	<i>8.47.00</i>	0	<i>5.27.00</i>	<i>175.00</i>
		(90)		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

ATTERY BANK

No. *347* Date *July 17 1891*
Clamer Machine. Reel. *J*
 Turns *109* Cor. + *1* Depth *110 fms.*
 Shot or lead *26 lb*
 Bottom *gy. mud.*
 Bottom temperature *39.2*
 No. of thermometer *62358* Cor.
 Corrected temperature
 Air *54* Surface *50* Drift
 Trawl or dredge *12 ft beam*

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
<i>9.27.00</i>	<i>30.30</i>	0	<i>9.30.30</i>	<i>06.50</i>
<i>30.00</i>	<i>29.00</i>	100	<i>30.40</i>	<i>10.00</i>
<i>30.20</i>	<i>28.00</i>	<i>100</i>	<i>30.50</i>	<i>11.20</i>
		200	<i>31.20</i>	<i>9.57.20</i>
		250		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Clamer - machine

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3146 D-2* Date *Aug 10 1881**Lucas* Machine. Reel.Turns *120* Cor. + *2*Depth *122 fms*Shot or lead *26 lb*Bottom *gy. m. m.*Bottom temperature *39.1*No. of thermometer *62358* Cor.

Corrected temperature

Air *57* Surface *50* DriftTrawl or dredge *11 ft. beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5.10</i>	<i>5.29</i>	0	<i>10.54.00</i>	<i>11.02.00</i>
<i>5.15</i>	<i>5.27</i>	100	<i>11.01.15</i>	<i>11.00.15</i>
<i>5.20</i>	<i>5.25</i>	<i>120</i>	<i>11.02.30</i>	<i>11.01.30</i>
	<i>5.23</i>	200	<i>11.03.45</i>	<i>11.02.45</i>
		300	<i>11.05.00</i>	<i>11.04.00</i>
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Log = 99.2

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Caught.

*17 Crabs, 1 large shrimp, numerous small shrimp, 4 Red
 1 Blue fish, 1 White, 4 small fish,
 1 Catfish, 6 Horns*

REMARKS:

No. *3730* Date *Aug 2nd 1897*
Tanner Machine. Reel.

Turns *27* Cor. +

Depth *27*

Shot or lead *26 lb.*

Bottom *Qty.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *59*

Surface *50*

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3724* Date *Aug 2nd 1897*
Chas. Machine. Reel.
 Turns *56* Cor. + *1* Depth *57 fms*
 Shot or lead *16 lb*
 Bottom *fine M. & fine S.*
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature
 Air *55* Surface *49* Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10 05</i>	<i>11 00</i>	0		
<i>10 15</i>	<i>10 50</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *573* Date *Aug 17*

Machine. Reel.

Turns Cor. + Depth *7*Shot or lead *26 lb.*Bottom *fm M & Rk. Sph.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *VB* Surface *48* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN. UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*4, 40, 50**4, 41, 20*

0

~~100~~

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3721*Date *Dec 2 1881*Machine. *Lucas*Reel. *1*Turns *50*Cor. + *1*Depth *57 fms*~~Shot or lead~~ *26 lb.*Bottom *ky.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

At Kuelik Id N. 1/2 W (mag) dist 3.4 mi

Course N. 2 1/2 E (mag) dist 3.1 mi

At Agbiyak Id N. 2 1/4 E (mag)

" " " " "

No. *3335* Date *Aug 2 1891*

Machine. Reel.

Turns Cor. + *1* Depth *65 fms*Shot or lead *36 lb*Bottom *gn M 4 fine G.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *80* Surface *48* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

*6 2.10**33.15*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500		
	2600		
	2700	1530	25
	2800	6	24
	2900		1
	3000		
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

3 1/2 mi N E 1/4 E from position.

Note: All points of land are undetermined - bearings useless for plotting on chart.

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 53

Surface 48

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

02.50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

End sounding 1/2 E

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2 1/2 mi. N. by E. (mag) from
preceding pos.
No pos. course or obtained.

No. *3756* Date *August 2nd 1899**Machine* Machine. Reel.Turns *65* Cor. + *1* Depth *66 fms*Shot or lead *26 lb.*Bottom *gy. M.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *54* Surface *50*

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.01.17

0

*01.00**8.02.17*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

7.8 mi N $\frac{1}{4}$ E from bearing.

Under way (May)

Foggy Cape N by E $\frac{1}{4}$ E

Atkulik S. S by N $\frac{5}{8}$ W

N End Agfinguk S S by N 1° E

No. *372*Date *Aug. 2nd 1897*Sigsbee Reel
Clamnet Machine.

Reel.

Turns *904* Cor. + *1*Depth *905 fms*Shot or lead *26 lb*Bottom *gy. M.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *53*Surface *50*

Drift.

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*9.00.00**05.15*

0

*01.00**9.05.00**100*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

*50.6**50.6*

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

7.1 min 1.25/4.5 (mag) 1.25 min 1.25/4.5
 Bearings. (mag)
 Top of cor. 1.25/4.5
 Attraction Rk. SW x W 1/4 W
 N End Agthizik S E 1/4 S

MB

No. *372* Date *August 2nd 1899*

Canner Machine. Reel.

Turns *75* Cor. + *1*

Depth *76 fms*

Shot or lead *26 lb.*

Bottom *gn M*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *53*

Surface *49*

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>12.00.00</i>	<i>01.55</i>	0		
<i>00.50</i>	<i>10.00.00</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	#	At 10.15	Foggy Cape	
50		from above	from above	
100		10 miles by line on bearing bearings		
200		and the N point by bearing of		
300		line S 8 1/2 E dist also 10 miles		
400		by the same method		
500		Changed course to N 45 E		
600		mag (10.45) then for		
700		Harlock Head. and then		
800		turned line up bearings		
900				
1000				

REMARKS:

10 miles N 45 E from Harlock Head.
 Bearings: (mag)
 Foggy Cape N 2 1/2 W 5/8 W
 Atkin's I SW by W
 uplyn I S 8 1/2 E
 see note above.

No. *374* Date *Aug 2nd 1897*
Chandler Machine. Reel.

Turns *100* Cor. + *1* Depth *101 fms*

Shot or lead *26 lb*

Bottom *gy M*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *53* Surface *57* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11.58.00 *12.01.00*

11.59.00 *11.59.00*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

5000

5100

5200

5300

5400

5500

5600

5700

5800

5900

6000

6100

6200

6300

6400

6500

6600

6700

6800

6900

7000

7100

7200

7300

7400

7500

7600

7700

7800

7900

8000

8100

8200

8300

8400

8500

8600

8700

8800

8900

9000

9100

9200

9300

9400

9500

9600

9700

9800

9900

10000

10100

10200

10300

10400

10500

10600

10700

10800

10900

11000

11100

11200

11300

11400

11500

11600

11700

11800

11900

12000

12100

12200

12300

12400

12500

12600

12700

12800

12900

13000

13100

13200

13300

13400

13500

13600

13700

13800

13900

14000

14100

14200

14300

14400

14500

14600

14700

14800

14900

15000

15100

15200

15300

15400

15500

15600

15700

15800

15900

16000

16100

16200

16300

16400

16500

16600

16700

16800

16900

17000

17100

17200

17300

17400

17500

17600

17700

17800

17900

18000

18100

18200

18300

18400

18500

18600

18700

18800

18900

19000

19100

19200

19300

19400

19500

19600

19700

19800

19900

20000

20100

20200

20300

20400

20500

20600

20700

20800

20900

21000

21100

21200

21300

21400

21500

21600

21700

21800

21900

22000

22100

22200

22300

22400

22500

22600

22700

22800

22900

23000

23100

23200

23300

23400

23500

23600

23700

23800

23900

24000

24100

24200

24300

24400

24500

24600

24700

24800

24900

25000

25100

25200

25300

25400

25500

25600

25700

25800

25900

26000

26100

26200

26300

26400

26500

26600

26700

26800

26900

27000

27100

27200

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

J. B.

No. *3700* Date *Dec 2 1881*

Canner Machine. Reel.

Turns *106* Cor. *+* Depth *107 fms*

Shot or lead *25 lb*

Bottom *gn M.*

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *54* Surface *52* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

106
200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500		
	2600		
	2700		
	2800	U-30	U-
	2900	106	
	3000	424	
	3100		
	3200		
	3300		
	3400		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *3724*Date *Aug 3^d 97*Machine. *Lucas*

Reel.

Turns *162* Cor. + *2*Depth *164 fms.*Shot or lead *26 lb.*Bottom *gn. M.*

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air *54.* Surface *51.* Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3.56.50 *4.01.30*

0

58.15 *4.00.00*

100

59.00 *3.59.15**162*~~200~~

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

$$\begin{array}{r}
 \sqrt{30.5} \\
 162.3 \\
 \hline
 382
 \end{array}$$

$\sqrt{30}$ ✓
 $\frac{109}{48.1} 93.7$

$$109 + 1 = 110$$

~~93.7~~

~~109.00~~
~~109.00~~
~~109.30~~
~~109.65~~
~~109.65~~
~~109.65~~

9.25.05 9.25.00
 25.00

$\frac{109.00}{109.30} = 10$
 $\frac{109.30}{109.65} = 11$
 $\frac{109.65}{109.65} = 12$
 $\frac{109.65}{109.65} = 13$
 $\frac{109.65}{109.65} = 14$
 $\frac{109.65}{109.65} = 15$
 $\frac{109.65}{109.65} = 16$
 $\frac{109.65}{109.65} = 17$
 $\frac{109.65}{109.65} = 18$
 $\frac{109.65}{109.65} = 19$
 $\frac{109.65}{109.65} = 20$

Smit
vfm.

For
Huffer
530.0
106

424

42.6
16.9
4.9

64.4
166.0

230.4

106

127